

ABSTRACT

A semiconductor light emitting device includes a semiconductor light emitting portion, a front surface electrode provided on one side of the semiconductor light emitting portion, an electrically conductive substrate provided on the other side of the semiconductor light emitting portion, the electrically conductive substrate being transparent to a wavelength of light emitted from the semiconductor light emitting portion, a rear surface electrode having a pattern in ohmic contact with a first region of a back surface of the electrically conductive substrate opposite from the semiconductor light emitting portion, and a rear surface insulation layer covering a second region of the back surface of the electrically conductive substrate other than the first region, the rear surface insulation layer being transparent to the wavelength of the light emitted from the semiconductor light emitting portion.